Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
08106-004001Application No.
09/743,731**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)Applicant
John SmitFiling Date
January 12, 2001Group Art Unit
1652**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|---------------|------------|-------------|-------|----------|----------------------------|
| <i>DJS</i> | AA | 5,500,353 | 03/19/96 | Smit et al. | 435 | 69.1 | |

Foreign Patent Documents or Published Foreign Patent Applications

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| <i>DJS</i> | AB | WO 97/34000 | 09/18/97 | PCT | — | — | | |

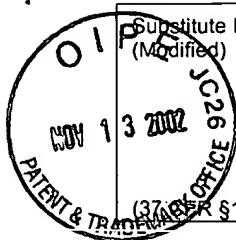
Other Documents (include Author, Title, Date, and Place of Publication)

| Examiner Initial | Desig. ID | Document |
|------------------|-----------|---|
| <i>DJS</i> | AC | Bingle et al., "Linker Mutagenesis of the Caulobacter.....", February(1997), J. Bacteriology, Vol. 179, No. 3: 601-611 |
| <i>DJS</i> | AD | Nomellini et al., abstract H-190, 95 th General Meeting of The American Society for Microbiology, Washington, DC, 1995 |
| <i>DJS</i> | AE | Landon, Methods in Enzymology, Vol. XLVII, pp 145-149, 1997 |

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 08106-004001 | Application No. 09/743,731 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) | | Applicant John Smit | |
| | | Filing Date January 12, 2001 | Group Art Unit 1652 |

Part of Paper No. 16

U.S. Patent Documents

| Examiner Initial | Desig. ID | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|---------------|------------|----------|-------|----------|----------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
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Foreign Patent Documents or Published Foreign Patent Applications

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

Other Documents (include Author, Title, Date, and Place of Publication)

| Examiner Initial | Desig. ID | Document |
|------------------|-----------|---|
| WS | AQ | John Smit. <i>Protein Surface Layers of Bacteria</i> . Outer Membranes as Model System, Chapter 13. Inouye M. Ed. J. Wiley & Sons, pgs. 343-376, 1986. |
| WS | AR | John Wiley & Sons, Inc., <i>Introduction to Expression by Fusion Protein Vectors</i> . Current Protocols in Molecular Biology, Supplement 28, Chapter 16.4A, pgs. 16.4.1-16.4.17. |
| | AS | |
| | AT | |

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| Examiner Signature | Date Considered 01/07/03 |
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| Substitute Form PTO-1449 (Modified) OCT 21 2002 Information Disclosure Statement by Applicant (Use separate sheets if necessary) (37 CFR §1.98(b)) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 08106-004001 | Application No. 09/743,731 |
| | Applicant John Smit | | |
| | Filing Date January 12, 2001 | Group Art Unit 1652 | |

Part of Paper No. 12

| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|---------------|--------------|--------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| DS | AA | 5,976,864 | Nov. 2, 1999 | Smit, et al. | 435 | 252.3 | |
| DS | AB | 6,210,948 | Apr. 3, 2001 | Smit, et al. | 435 | 252.3 | |
| | AC | | | | | | |

| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|---|-----------|-----------------|------------------|--------------------------|---|----------|-------------|----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| DS | AD | 2,090,549 | 26 Feb 1993 | CIPO | <div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED OCT 22 2002 TECH CENTER 1600/2900 </div> | | | |
| | AE | WO 95/19371 | 20 Jul 1995 | WIPO | | | | |
| | AF | 2,261,186 | 19 Feb 1999 | CIPO | | | | |
| | AG | 2,334,080 | 14 Jul 1999 | CIPO | | | | |
| | AH | WO 00/49163 | 24 Aug 2000 | WIPO | | | | |
| DS | AI | 2,237,704 | 14 Jul 1998 | CIPO | | | | |
| | AJ | | | | | | | |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
|---|-----------|--|
| Examiner Initial | Desig. ID | Document |
| DS | AK | Wade H. Bingle, et al. <i>Cell-surface display of a Pseudomonas aeruginosa strain K pilin peptide within the paracrystalline S-layer of Caulobacter crescentus</i> . Molecular Microbiology 26(2):277-288, 1997. |
| | AL | Patricia Edwards, et al. <i>A Transducing Bacteriophage for Caulobacter crescentus Uses the Paracrystalline Surface Layer Protein as a Receptor</i> . Journal of Bacteriology 173(15):5568-5572, Sept. 1991. |
| | AM | Jean D. MacRae, et al. <i>Characterization of Caulobacters Isolated from Wastewater Treatment Systems</i> . Applied and Environmental Microbiology 57(3):751-758, March 1991. |
| | AN | David A. Stahl, et al. <i>The Phylogeny of Marine and Freshwater Caulobacters Reflects Their Habitat</i> . Journal of Bacteriology 174(7):2193-2198, April 1992. |
| | AO | Stephen G. Walker, et al. <i>Isolation and Comparison of the Paracrystalline Surface Layer Proteins of Freshwater Caulobacters</i> . Journal of Bacteriology 174(6):1783-1792, March 1992. |
| DS | AP | Stephen G. Walker, et al. <i>Characterization of Mutants of Caulobacter crescentus Defective in Surface Attachment of the Paracrystalline Surface Layer</i> . Journal of Bacteriology 176(26):6312-6323, October 1994. |

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